IN THE CLAIMS

5 / (Currently Amended). A method comprising:

biasing a first plate of a spatial light modulator with alternating positive and negative bias potentials in alternating frames by using signals of a first polarity during a positive cycle of liquid crystal modulation and a second polarity during a negative cycle of liquid crystal modulation; and

biasing a second plate of said spatial light modulator with only the second polarity during both the positive and negative cycles of liquid crystal modulation.

(Original). The method of claim Y including biasing a top plate and a pixel electrode.

(Original). The method of claim Z including biasing said top plate to a negative voltage.

(Original). The method of claim including maintaining said pixel electrode at a positive voltage.

(Original). The method of claim including biasing said pixel electrode across its full dynamic range.

(Original). The method of claim including alternately biasing the top plate negatively and positively.

(Currently Amended). A spatial light modulator comprising:

a top plate;

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a liquid crystal layer;

a pixel electrode, said top plate and said pixel electrode sandwiching said liquid crystal layer; and

a drive circuit to apply positive and negative bias potentials in alternating frames, said circuit to apply positive potential during a negative cycle of liquid crystal modulation and apply negative potential during a positive cycle of liquid crystal modulation to said top plate and

to bias the pixel electrode with only a positive potential during both the positive and negative cycles of liquid crystal modulation.

(Original). The spatial light modulator of claim including a drive circuit to apply a negative bias potential to said top plate.

(Original). The spatial modulator of claim wherein said spatial light modulator is a liquid crystal over silicon spatial light modulator.

Claim 10 (Canceled).

(Original). The spatial light modulator of claim wherein said top plate is formed of indium tin oxide.

Claims 12-15 (Canceled).